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**From:** Davis, Eva [Davis.Eva@epa.gov]  
**Sent:** 11/2/2018 5:59:45 PM  
**To:** d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]  
**Subject:** RE: 2018-11-1 - wafb - Yes KOUI Board re-list if remediation stopped & plume spreading -ST012

And sampled!

-----Original Message-----

From: d'Almeida, Carolyn K.  
Sent: Friday, November 02, 2018 12:53 PM  
To: Davis, Eva <Davis.Eva@epa.gov>  
Subject: RE: 2018-11-1 - wafb - Yes KOUI Board re-list if remediation stopped & plume spreading -ST012

I told Cathy she could have 6 months to get the wells in, as she was not clear about the contract schedule. She was shooting for January though, I gave her an additional 3 to get the wells in and developed.

Carolyn d'Almeida  
Remedial Project Manager  
Federal Facilities Branch (SFD 8-1)  
US EPA Region 9 Laboratory  
1337 South 46th Street, Building 201  
Richmond, CA 94804  
(415) 972-3150

"We can evade reality, but we cannot evade the consequences of evading reality." - Ayn Rand

-----Original Message-----

From: Davis, Eva  
Sent: Friday, November 2, 2018 10:50 AM  
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>  
Subject: RE: 2018-11-1 - wafb - Yes KOUI Board re-list if remediation stopped & plume spreading -ST012

Why the April 2019 date for the wells?

-----Original Message-----

From: d'Almeida, Carolyn K.  
Sent: Friday, November 02, 2018 12:45 PM  
To: Davis, Eva <Davis.Eva@epa.gov>  
Subject: FW: 2018-11-1 - wafb - Yes KOUI Board re-list if remediation stopped & plume spreading -ST012

FYI - yes we agreed to allow injection to begin, see below

Carolyn d'Almeida  
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-----Original Message-----

From: Wayne Miller <Miller.Wayne@azdeq.gov>  
Sent: Thursday, November 1, 2018 3:08 PM  
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>  
Subject: 2018-11-1 - wafb - Yes KOUI Board re-list if remediation stopped & plume spreading -ST012

If remediation activity stopped and Plume spreading then yes. Site goes back to KOUI Board.

KOUI is AZ's adoption of current EPA directive (Pruitt). Target a few key, backlogged, stalled sites. Resolve issues stalling the sites. Then target another set of sites. Resolve the issues stalling the second set of sites. Target another set of sites, etc. etc. Repeat process until no stalled sites.

-----Original Message-----

From: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>  
Sent: Thursday, November 01, 2018 2:47 PM  
To: Wayne Miller <Miller.Wayne@azdeq.gov>

Subject: 2018-11-1 - wafb - OK - KOUI Board re-list -ST012 - cda epa

Thanks Wayne, particularly from the transport model estimates from Praxis. Just curious, if the plume were to spread would the site again be placed on the KOUI board, or not?

Carolyn d'Almeida  
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-----Original Message-----

From: Wayne Miller <Miller.Wayne@azdeq.gov>  
Sent: Thursday, November 1, 2018 11:53 AM  
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW <catherine.jerrard@us.af.mil>  
Subject: 2018-11-1 - wafb - FYI - conditional concurrence - ST012 sulfate solution enhancement approved EPA-USAF-ADEQ

FYI - My purpose for concurrence documentation is to support an internal ADEQ request that the former Williams AFB site ST012 be removed from ADEQ's "KOUI Board" [Known, On-going, Unauthorized Impact]. This site was "boarded" due to the informal dispute and data gap discussions which "held" remediation continuance. Thanks.

-----Original Message-----

From: Wayne Miller  
Sent: Thursday, November 01, 2018 11:41 AM  
To: 'd'Almeida, Carolyn K.' <dAlmeida.Carolyn@epa.gov>; JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW <catherine.jerrard@us.af.mil>  
Subject: 2018-11-1 - wafb - conditional concurrence - ST012 sulfate solution enhancement approved EPA-USAF-ADEQ

Thank you. This email chain indicates that primary parties, EPA, USAF and ADEQ conditionally concur with Site ST012 remedy continuance. Unless superseded by a prior written agreement or record, Nov. 1, 2018 is the date ADEQ will use for administrative purposes.

-----Original Message-----

From: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>  
Sent: Thursday, November 01, 2018 10:56 AM  
To: JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW <catherine.jerrard@us.af.mil>; Wayne Miller <Miller.Wayne@azdeq.gov>  
Subject: RE: 2018-11-1 - wafb - request confirmation ST012 sulfate solution enhancement is approved EPA-USAF -

EPA concurs, provided that agreement upon the location of wells requested in our July 3, 2018 letter meets with EPAs satisfaction, and are installed and operational by April 1, 2019. Looking forward to well placement discussions tomorrow.

Carolyn d'Almeida  
Remedial Project Manager  
Federal Facilities Branch (SFD 8-1)  
US EPA Region 9 Laboratory  
1337 South 46th Street, Building 201  
Richmond, CA 94804  
(415) 972-3150

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-----Original Message-----

From: JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW <catherine.jerrard@us.af.mil>  
Sent: Thursday, November 1, 2018 10:47 AM  
To: Wayne Miller <Miller.Wayne@azdeq.gov>; d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>  
Subject: RE: 2018-11-1 - wafb - request confirmation ST012 sulfate solution enhancement is approved EPA-USAF -

The Air Force concurs and approves implementing ST012 sulfate solution enhancement as soon as possible.

//SIGNED//  
CATHY JERRARD, P.E., PMP  
AFCEC/CIBW

ED\_005025\_00011325-00002

706 Hangar Road  
Rome, New York 13441  
315-356-0810 (office)  
315-723-4509 (cell)  
email: catherine.jerrard@us.af.mil

-----Original Message-----

From: Wayne Miller [mailto:Miller.Wayne@azdeq.gov]  
Sent: Thursday, November 01, 2018 12:49 PM  
To: JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW <catherine.jerrard@us.af.mil>; Carolyn dAlmeida (dAlmeida.Carolyn@epamail.epa.gov) <dAlmeida.Carolyn@epamail.epa.gov>  
Subject: [Non-DoD Source] 2018-11-1 - wafb - request confirmation ST012 sulfate solution enhancement is approved EPA-USAF -

Can you please provide confirmation that EPA and USAF concur to move ST012 sulfate solution enhancement forward? Does an email or written memo exist? ADEQ leadership requests project progress milestone documenting.

Thanks.

Wayne Miller  
Waste Programs Division,  
Remedial Projects Section,  
Federal Projects Unit

Arizona Department of Environmental Quality  
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Phoenix, AZ 85007

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